

Analyte	Station ID				GKMSW22
	Sample ID				GKMSW22_082415
	Sample Date				8/24/2015
	Sample time				14:15
	Latitude				(b) (6)
	Longitude				
					Sub Location
Metals, Dissolved	CAS NO	Units		EPA RBC	Lab Result
Aluminum, Dissolved	7429-90-5	ug/L		170000	38 J
Antimony, Dissolved	7440-36-0	ug/L		67	0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50	1.7 J+
Barium, Dissolved	7440-39-3	ug/L		33000	60
Beryllium, Dissolved	7440-41-7	ug/L		330	0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		83	0.16 J
Calcium, Dissolved	7440-70-2	ug/L			88000
Chromium, Dissolved	7440-47-3	ug/L		220000	2.3
Cobalt, Dissolved	7440-48-4	ug/L		50	0.63
Copper, Dissolved	7440-50-8	ug/L		6700	3.1
Iron, Dissolved	7439-89-6	ug/L		120000	110
Lead, Dissolved	7439-92-1	ug/L		200	1.6
Magnesium, Dissolved	7439-95-4	ug/L			12000
Manganese, Dissolved	7439-96-5	ug/L		7800	150
Mercury, Dissolved	7439-97-6	ug/L		50	0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L		830	1.4
Nickel, Dissolved	7440-02-0	ug/L		3300	6.3
Potassium, Dissolved	7440-09-7	ug/L			4400 J+
Selenium, Dissolved	7782-49-2	ug/L		830	0.58 U
Silver, Dissolved	7440-22-4	ug/L		830	0.1 U
Sodium, Dissolved	7440-23-5	ug/L			26000 J+
Thallium, Dissolved	7440-28-0	ug/L		2	0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830	0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000	28

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

ug/L - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID				GKMSW23
	Sample ID				GKMSW23_082415
	Sample Date				8/24/2015
	Sample time				14:30
	Latitude				(b) (6)
	Longitude				
					Sub Location
Metals, Dissolved	CAS NO	Units		EPA RBC	Lab Result
Aluminum, Dissolved	7429-90-5	ug/L		170000	24 U
Antimony, Dissolved	7440-36-0	ug/L		67	0.4 U
Arsenic, Dissolved	7440-38-2	ug/L		50	1.9 J+
Barium, Dissolved	7440-39-3	ug/L		33000	58
Beryllium, Dissolved	7440-41-7	ug/L		330	0.15 U
Cadmium, Dissolved	7440-43-9	ug/L		83	0.18 J
Calcium, Dissolved	7440-70-2	ug/L			84000
Chromium, Dissolved	7440-47-3	ug/L		220000	2.2
Cobalt, Dissolved	7440-48-4	ug/L		50	0.59
Copper, Dissolved	7440-50-8	ug/L		6700	1.7
Iron, Dissolved	7439-89-6	ug/L		120000	17 U
Lead, Dissolved	7439-92-1	ug/L		200	0.14 J
Magnesium, Dissolved	7439-95-4	ug/L			12000
Manganese, Dissolved	7439-96-5	ug/L		7800	120
Mercury, Dissolved	7439-97-6	ug/L		50	0.08 U
Molybdenum, Dissolved	7439-98-7	ug/L		830	1.1
Nickel, Dissolved	7440-02-0	ug/L		3300	5.1
Potassium, Dissolved	7440-09-7	ug/L			4200 J+
Selenium, Dissolved	7782-49-2	ug/L		830	0.58 U
Silver, Dissolved	7440-22-4	ug/L		830	0.1 U
Sodium, Dissolved	7440-23-5	ug/L			24000 J+
Thallium, Dissolved	7440-28-0	ug/L		2	0.1 U
Vanadium, Dissolved	7440-62-2	ug/L		830	0.3 U
Zinc, Dissolved	7440-66-6	ug/L		50000	37

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

ug/L - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value